



## CLAIMS

What is claimed is:

Claim 1 (canceled)

Claim 2 (canceled)

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (canceled)

Claim 8 (canceled)

Claim 9 (canceled)

Claim 10 (canceled)

Claim 11 (canceled)

Claim 12 (canceled)

Claim 13 (canceled)

Claim 14 (canceled)

Claim 15 (canceled)

Claim 16 (canceled)

Claim 17 (canceled)

Claim 18 (canceled)

Claim 19 (canceled)

Claim 20 (canceled)

Claim 21 (canceled)

Claim 22 (canceled)

Claim 23 (canceled)

Claim 24 (canceled)

Claim 25 (canceled)

Claim 26 (canceled)

Claim 27 (canceled)

Claim 28 (canceled)

Claim 29 (New) A process of learning and recognition of images comprising of the ABM Process.

Claim 30 (New) A process of learning and recognition of images comprising of the APN Process.

Claim 31 (New) A method of learning and recognition of images comprising of training a fully connected neural net with the ABM learning algorithm.

Claim 32 (New) A method of learning and recognition of images comprising of classifying images with the ABM recognition algorithm.

Claim 33 (New) A method of learning and recognition of images comprising of training a fully connected neural net with the APN learning algorithm.

Claim 34 (New) A method of learning and recognition of images comprising of classifying images with the APN recognition algorithm.